Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

EMB

"SECOND AND PART BILL"

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Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 10/5/19, 23/5/19, & 7/6/19.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	KSRRB 200-9. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of thorney jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications.						
	For Lake Road						
	Ch:0.00m to 30.00m	1	30.00	(12.00 + 11.80)/2		357.00	
	Ch:30.00m to 60.00m	1	30.00	(11.80 + 11.90)/2		355.50	
	Ch:60.00m to 90.00m	1	30.00	(11.90 + 12.30)/2		363.00	
	Ch:90.00m to 120.00m	1	30.00	(12.30 + 12.20)/2		367.50	
	Ch:120.00m to 150.00m	1	30.00	(12.20 + 12.00)/2		363.00	
	Ch:120.00m to 180.00m	1	30.00	(12.00 + 12.10)/2		361.50	
	Ch:180.00m to 210.00m	1	30.00	(12.10 + 12.50)/2		369.00	
	Ch:210.00m to 240.00m	1	30.00	(12.50 + 12.80)/2		379.50	
	Ch:240.00m to 270.00m	1	30.00	(12.80 + 12.30)/2		376.50	
	Ch:270.00m to 300.00m	1	30.00	(12.30 + 12.40)/2		370.50	
	Ch:300.00m to 330.00m	1	30.00	(12.40 + 12.90)/2		379.50	
	Ch:330.00m to 360.00m	1	30.00	(12.90 + 12.40)/2		379.50	
	Ch:360.00m to 390.00m	1	30.00	(12.40 + 12.00)/2		366.00	
	Ch:390.00m to 420.00m	1	30.00	(12.00 + 12.50)/2		367.50	
	Ch:420.00m to 450.00m	1	30.00	(12.50 + 12.60)/2		376.50	
	Ch:450.00m to 480.00m	1	30.00	(12.60 + 12.80)/2		381.00	

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

Asst. Exec. E

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:480.00m to 510.00m	1	30.00	(12.80 + 12.20) / 2		375.00	
	Ch:510.00m to 540.00m	1	30.00	(12.20 + 12.40) / 2		369.00	
	Ch:540.00m to 570.00m	1	30.00	(12.40 + 12.20) / 2		369.00	
	Ch:570.00m to 600.00m	1	30.00	(12.20 + 12.30) / 2		367.50	
	Ch:600.00m to 630.00m	1	30.00	(12.30 + 12.40) / 2		370.50	
	Ch:630.00m to 660.00m	1	30.00	(12.40 + 12.00) / 2		366.00	
	Ch:660.00m to 690.00m	1	30.00	(12.00 + 12.80) / 2		372.00	
	Ch:690.00m to 720.00m	1	30.00	(12.80 + 12.00) / 2		372.00	
	Ch:720.00m to 750.00m	1	30.00	(12.00 + 12.10) / 2		361.50	
	Ch:750.00m to 780.00m	1	30.00	(12.10 + 12.60) / 2		370.50	
	Ch:780.00m to 810.00m	1	30.00	(12.60 + 12.00) / 2		369.00	
	Ch:810.00m to 840.00m	1	30.00	(12.00 + 12.80) / 2		372.00	
	Ch:840.00m to 870.00m	1	30.00	(12.80 + 12.20) / 2		375.00	
	Ch:870.00m to 900.00m	1	30.00	(12.20 + 12.60) / 2		372.00	
	Ch:900.00m to 930.00m	1	30.00	(12.60 + 12.40) / 2		375.00	
	Ch:930.00m to 960.00m	1	30.00	(12.40 + 12.20) / 2		369.00	
	Ch:960.00m to 990.00m	1	30.00	(12.20 + 12.90) / 2		376.50	
	Ch:990.00m to 1013.50m	1	23.50	(12.90 + 12.20) / 2		294.93	
	Continued						
	Ch:0.00m to 30.00m	1	30.00	(10.00 + 10.40) / 2		306.00	
	Ch:30.00m to 53.00m	1	23.00	(10.40 + 10.40) / 2		239.20	
					Present Qty	**13054.63**	
					Qty Paid in 1st Bill	**0.00**	
					Total Qty	**13054.63**	
					Deduct Qty Paid in 1st Bill	**0.00**	
					Qty to be Paid	**13054.63**	

Contractor

Consultant

Asst. Engineer

Asst. Exec

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Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 26/6/19, 9/7/19, 20/7/19, 18/9/19 & 12/11/19.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
12	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications.						
	For Lake Road						
	As per cutting volume sheet A No '24' -					9100.00	
					Present Qty	**9100.00**	**Cum**
					Qty Paid in 1st Bill	**4192.23**	**Cum**
					Total Qty	**13292.23**	**Cum**
					Deduct Qty Paid in 1st Bill	**4192.23**	**Cum**
					Reserve Qty	**4198.71**	**Cum**
					Qty to be Paid	**4901.29**	**Cum**

Contractor Consultant Asst. Engineer Asst. Exec. Engr

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

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Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 19/11/19

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.						
	For Lake Road						
	Culvert	1	12.00	1.60	0.15	2.88	
					Present Qty	**2.88**	**Cum**
					Qty Paid in 1st Bill	**11.34**	**Cum**
					Total Qty	**14.22**	**Cum**
					Deduct Qty Paid in 1st Bill	**11.34**	**Cum**
					Qty to be Paid	**2.88**	**Cum**

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Asst. Exec. Engineer

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Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 27/11/19 & 3/12/19

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
15	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mmand down size graded granite metal coarse aggregates @0.0.69cum and fine aggregtes @ 0.460cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6						
	For Lake Road						
	Culvert Raft	1	12.00	1.50	0.23	4.14	
	Culvert Wall	2	12.00	0.23	0.48	2.65	
					Present Qty	**6.79**	**Cum**
					Qty Paid in 1st Bill	**0.00**	**Cum**
					Total Qty	**6.79**	**Cum**
					Deduct Qty Paid in 1st Bill	**0.00**	**Cum**
					Qty to be Paid	**6.79**	**Cum**

Contractor

Consultant

Asst. Engineer

Asst. Executive
Asst. Exec. En
Yelahanka Z

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Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 27/11/19

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
16	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.							
	For Lake Road							
	Culvert							
	Total Culvert length=12.0m							
	Main bar 12mm dia bar @ 140mm							
	0.89kg/mtr, double mat							
	No of U-bar=170.00Nos		170	2.40		0.89	363.12	
	Distribution bar							
	Distribution bar 10mm dia @ 140mm							
	0.61kg/mtr, double mat		32	12.00		0.61	234.24	
							597.36	
						Present Qty	**0.60**	**Ton**
						Qty Paid in 1st Bill	**0.00**	**Ton**
						Total Qty	**0.60**	**Ton**
						Deduct Qty Paid in 1st Bill	**0.00**	**Ton**
						Qty to be Paid	**0.60**	**Ton**

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engin

Asst. Executive Engr
Project Division
Yelahanka Zone
BBMP, Bangalore -

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CERTIFIED

(7)

Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 27/11/2019

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
17	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2						
	For Lake Road						
	Culvert Raft	2	12.00		0.23	5.52	
	Culvert Wall	4	12.00		0.48	23.04	
					Present Qty	**28.56**	**Sqm**
					Qty Paid in 1st Bill	**0.00**	**Sqm**
					Total Qty	**28.56**	**Sqm**
					Deduct Qty Paid in 1st Bill	**0.00**	**Sqm**
					Qty to be Paid	**28.56**	**Sqm**

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Asst. Exec. Engineer

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Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 17/12/19, 30/12/19, 9/1/2020 & 18/01/2020.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
26	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305						
	For Lake Road						
	As per filling volume sheet (24)					12900.00	
					Present Qty	**12900.00**	**Cum**
					Qty Paid in 1st Bill	**0.00**	**Cum**
					Total Qty	**12900.00**	**Cum**
					Deduct Qty Paid in 1st Bill	**0.00**	**Cum**
					Reserve Qty	**1986.83**	**Cum**
					Qty to be Paid	**10913.18**	**Cum**

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer
Project Division
Yelahanka Zone

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CERTIFIED

Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 24/01/2020 & 31/01/2020.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
27	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3						
	For Lake Road						
	Ch:0.00m to 30.00m	1	30.00	(9.10 + 7.80)/2		253.50	
	Ch:30.00m to 60.00m	1	30.00	(7.80 + 7.10)/2		223.50	
	Ch:60.00m to 90.00m	1	30.00	(7.10 + 9.00)/2		241.50	
	Ch:90.00m to 120.00m	1	30.00	(9.00 + 10.60)/2		294.00	
	Ch:120.00m to 150.00m	1	30.00	(10.60 + 7.70)/2		274.50	
	Ch:120.00m to 180.00m	1	30.00	(7.70 + 7.70)/2		231.00	
	Ch:180.00m to 210.00m	1	30.00	(7.70 + 7.90)/2		234.00	
	Ch:210.00m to 240.00m	1	30.00	(7.90 + 7.40)/2		229.50	
	Ch:240.00m to 270.00m	1	30.00	(7.40 + 8.20)/2		234.00	
	Ch:270.00m to 300.00m	1	30.00	(8.20 + 10.00)/2		273.00	
	Ch:300.00m to 330.00m	1	30.00	(10.00 + 9.60)/2		294.00	
	Ch:330.00m to 360.00m	1	30.00	(9.60 + 10.20)/2		297.00	
	Ch:360.00m to 390.00m	1	30.00	(10.20 + 9.80)/2		300.00	
	Ch:390.00m to 420.00m	1	30.00	(9.80 + 9.90)/2		295.50	
	Ch:420.00m to 450.00m	1	30.00	(9.90 + 9.00)/2		283.50	

Cho sore 3958.50

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92
Asst. Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:450.00m to 480.00m	1	30.00	(9.00 + 9.40) / 2		276.00	
	Ch:480.00m to 510.00m	1	30.00	(9.40 + 9.50) / 2		283.50	
	Ch:510.00m to 540.00m	1	30.00	(9.50 + 9.50) / 2		285.00	
	Ch:540.00m to 570.00m	1	30.00	(9.50 + 9.00) / 2		277.50	
	Ch:570.00m to 600.00m	1	30.00	(9.00 + 9.20) / 2		273.00	
	Ch:600.00m to 630.00m	1	30.00	(9.20 + 9.40) / 2		279.00	
	Ch:630.00m to 660.00m	1	30.00	(9.40 + 9.10) / 2		277.50	
	Ch:660.00m to 690.00m	1	30.00	(9.10 + 10.60) / 2		295.50	
	Ch:690.00m to 720.00m	1	30.00	(10.60 + 8.70) / 2		289.50	
	Ch:720.00m to 750.00m	1	30.00	(8.70 + 8.80) / 2		262.50	
	Ch:750.00m to 780.00m	1	30.00	(8.80 + 8.50) / 2		259.50	
	Ch:780.00m to 810.00m	1	30.00	(8.50 + 9.80) / 2		274.50	
	Ch:810.00m to 840.00m	1	30.00	(9.80 + 9.80) / 2		294.00	
	Ch:840.00m to 870.00m	1	30.00	(9.80 + 9.60) / 2		291.00	
	Ch:870.00m to 900.00m	1	30.00	(9.60 + 9.60) / 2		288.00	
	Ch:900.00m to 930.00m	1	30.00	(9.60 + 9.60) / 2		288.00	
	Ch:930.00m to 960.00m	1	30.00	(9.60 + 9.60) / 2		288.00	
	Ch:960.00m to 990.00m	1	30.00	(9.60 + 9.70) / 2		289.50	
	Ch:990.00m to 1013.50m	1	23.50	(9.70 + 11.30) / 2		246.75	
	Continued						
	Ch:0.00m to 30.00m	1	30.00	(10.60 + 7.30) / 2		268.50	
	Ch:30.00m to 53.00m	1	23.00	(7.30 + 7.00) / 2		164.45	
					Present Qty	**9709.70**	**Sqm**
					Qty Paid in 1st Bill	**6658.08**	**Sqm**
					Total Qty	**16367.78**	**Sqm**
					Deduct Qty Paid in 1st Bill	**6658.08**	**Sqm**
					Qty to be Paid	**9709.70**	**Sqm**

Contractor | Consultant | Asst. Engineer | Asst. Exec. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 10/02/2020, 20/2/2020, 25/02/2020 & 06/03/2020

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
28	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications.						
	For Lake Road						
	Ch:0.00m to 30.00m	1	30.00	(9.10 + 7.80)/2	0.25	63.38	
	Ch:30.00m to 60.00m	1	30.00	(7.80 + 7.10)/2	0.25	55.88	
	Ch:60.00m to 90.00m	1	30.00	(7.10 + 9.00)/2	0.25	60.38	
	Ch:90.00m to 120.00m	1	30.00	(9.00 + 10.60)/2	0.25	73.50	
	Ch:120.00m to 150.00m	1	30.00	(10.60 + 7.70)/2	0.25	68.63	
	Ch:150.00m to 163.50m	1	30.00	(7.70 + 7.70)/2	0.25	57.75	
	Ch:30.00m to 60.00m	1	30.00	(7.70 + 7.90)/2	0.25	58.50	
	Ch:60.00m to 90.00m	1	30.00	(7.90 + 7.40)/2	0.25	57.38	
	Ch:90.00m to 120.00m	1	30.00	(7.40 + 8.20)/2	0.25	58.50	
	Ch:120.00m to 150.00m	1	30.00	(8.20 + 10.00)/2	0.25	68.25	
	Ch:150.00m to 163.50m	1	30.00	(10.00 + 9.60)/2	0.25	73.50	
	Ch:30.00m to 60.00m	1	30.00	(9.60 + 10.20)/2	0.25	74.25	
	Ch:60.00m to 90.00m	1	30.00	(10.20 + 9.80)/2	0.25	75.00	
	Ch:90.00m to 120.00m	1	30.00	(9.80 + 9.90)/2	0.25	73.88	

Ch 1.2e 918.75

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92
Asst. Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:120.00m to 150.00m	1	30.00	(9.90 + 9.00) / 2	0.25	70.88	
	Ch:150.00m to 163.50m	1	30.00	(9.00 + 9.40) / 2	0.25	69.00	
	Ch:30.00m to 60.00m	1	30.00	(9.40 + 9.50) / 2	0.25	70.88	
	Ch:60.00m to 90.00m	1	30.00	(9.50 + 9.50) / 2	0.25	71.25	
	Ch:90.00m to 120.00m	1	30.00	(9.50 + 9.00) / 2	0.25	69.38	
	Ch:120.00m to 150.00m	1	30.00	(9.00 + 9.20) / 2	0.25	68.25	
	Ch:150.00m to 163.50m	1	30.00	(9.20 + 9.40) / 2	0.25	69.75	
	Ch:30.00m to 60.00m	1	30.00	(9.40 + 9.10) / 2	0.25	69.38	
	Ch:60.00m to 90.00m	1	30.00	(9.10 + 10.60) / 2	0.25	73.88	
	Ch:90.00m to 120.00m	1	30.00	(10.60 + 8.70) / 2	0.25	72.38	
	Ch:120.00m to 150.00m	1	30.00	(8.70 + 8.80) / 2	0.25	65.63	
	Ch:150.00m to 163.50m	1	30.00	(8.80 + 8.50) / 2	0.25	64.88	
	Ch:30.00m to 60.00m	1	30.00	(8.50 + 9.80) / 2	0.25	68.63	
	Ch:60.00m to 90.00m	1	30.00	(9.80 + 9.80) / 2	0.25	73.50	
	Ch:90.00m to 120.00m	1	30.00	(9.80 + 9.60) / 2	0.25	72.75	
	Ch:120.00m to 150.00m	1	30.00	(9.60 + 9.60) / 2	0.25	72.00	
	Ch:150.00m to 163.50m	1	30.00	(9.60 + 9.60) / 2	0.25	72.00	
	Ch:90.00m to 120.00m	1	30.00	(9.60 + 9.60) / 2	0.25	72.00	
	Ch:120.00m to 150.00m	1	30.00	(9.60 + 9.70) / 2	0.25	72.38	
	Ch:150.00m to 163.50m	1	23.50	(9.70 + 11.30) / 2	0.25	61.69	
	Continued					2319.19	
	Ch:0.00m to 30.00m	1	30.00	(10.60 + 7.30) / 2	0.25	67.13	

Core Technologies Pvt. Ltd.

Contractor Consultant Asst. Engineer Asst. Exec. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:30.00m to 53.00m	1	23.00	7.30 + 7.00 / 2	0.25	41.11	
					Present Qty	**2427.43**	**Cum**
					Qty Paid in 1st Bill	**1362.00**	**Cum**
					Total Qty	**3789.43**	**Cum**
					Deduct Qty Paid in 1st Bill	**1362.00**	**Cum**
					Qty to be Paid	**2427.43**	**Cum**

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

Asst. Exec. Engineer

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Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 06/03/2020.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
40	Loading and unloading of stone boulders/stone aggregates/ sand/kankar/ Moorum including all lead and lift and as per specification and direction of the Engineer in charge of the work.						
	For Lake Road						
	From item no. 12						
						9100.00	
					Present Qty	**9100.00**	**Cum**
					Qty Paid in 1st Bill	**4927.79**	**Cum**
					Total Qty	**14027.79**	**Cum**
					Deduct Qty Paid in 1st Bill	**4927.79**	**Cum**
					Reserve Qty	**2174.94**	**Cum**
					Qty to be Paid	**6925.06**	**Cum**

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer
Yelahanka Zone
BBMP, Bangalore - 92

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Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On: 06/03/2020

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
41	Cost of haulage Excluding loading and unloading including all lead and lift and as per specification and direction of the Engineer in charge of the work.						
	For Lake Road						
	From item no. 12						
						9100.00	
	Present Qty					**9100.00**	**Cum**
	Qty Paid in 1st Bill					**4927.79**	**Cum**
	Total Qty					**14027.79**	**Cum**
	Deduct Qty Paid in 1st Bill					**4927.79**	**Cum**
	Reserve Qty					**2175.00**	**Cum**
	Qty to be Paid					**6925.00**	**Cum**

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore - 92

Asst. Exec. Engineer

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Name of Work: (Package -5). 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
26	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305								
	Vide Premeasurement Page no. 8					10913.18			
					Qty to be Paid	**10913.18**	**Cum**	**332.92**	**3633214.22**
27	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3								
	Vide Premeasurement Page no. 9 & 10					9709.70			
					Qty to be Paid	**9709.70**	**Sqm**	**5.51**	**53500.45**
28	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications.								
	Vide Premeasurement Page no. 11 to 13					2427.43			
					Qty to be Paid	**2427.43**	**Cum**	**1731.87**	**4203984.5**

tractor Consultant

Asst. Engineer 31/08/2020.

Asst. Exec. I

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Name of Work: (Package -5). 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
29	KSRRB M400-17 . Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications								
	For Lake Road								
	Ch:0.00m to 30.00m	1	30.00	(9.10 + 7.80)/2	0.25	63.38			
	Ch:30.00m to 60.00m	1	30.00	(7.80 + 7.10)/2	0.25	55.88			
	Ch:60.00m to 90.00m	1	30.00	(7.10 + 9.00)/2	0.25	60.38			
	Ch:90.00m to 120.00m	1	30.00	(9.00 + 10.60)/2	0.25	73.50			
	Ch:120.00m to 150.00m	1	30.00	(10.60 + 7.70)/2	0.25	68.63			
	Ch:150.00m to 163.50m	1	30.00	(7.70 + 7.70)/2	0.25	57.75			
	Ch:30.00m to 60.00m	1	30.00	(7.70 + 7.90)/2	0.25	58.50			
	Ch:60.00m to 90.00m	1	30.00	(7.90 + 7.40)/2	0.25	57.38			
	Ch:90.00m to 120.00m	1	30.00	(7.40 + 8.20)/2	0.25	58.50			
	Ch:120.00m to 150.00m	1	30.00	(8.20 + 10.00)/2	0.25	68.25			
	Ch:150.00m to 163.50m	1	30.00	(10.00 + 9.60)/2	0.25	73.50			
	Ch:30.00m to 60.00m	1	30.00	(9.60 + 10.20)/2	0.25	74.25			
	Ch:60.00m to 90.00m	1	30.00	(10.20 + 9.80)/2	0.25	75.00			
	Ch:90.00m to 120.00m	1	30.00	(9.80 + 9.90)/2	0.25	73.88			
	Ch:120.00m to 150.00m	1	30.00	(9.90 + 9.00)/2	0.25	70.88			
	Ch:150.00m to 163.50m	1	30.00	(9.00 + 9.40)/2	0.25	69.00			
	Ch:30.00m to 60.00m	1	30.00	(9.40 + 9.50)/2	0.25	70.88			

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor Consultant

Asst. Engineer 31/08/2020

Asst. Exec. Engine

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:60.00m to 90.00m	1	30.00	9.50 + 9.50 / 2	0.25	71.25			
	Ch:90.00m to 120.00m	1	30.00	9.50 + 9.00 / 2	0.25	69.38			
	Ch:120.00m to 150.00m	1	30.00	9.00 + 9.20 / 2	0.25	68.25			
	Ch:150.00m to 163.50m	1	30.00	9.20 + 9.40 / 2	0.25	69.75			
	Ch:30.00m to 60.00m	1	30.00	9.40 + 9.10 / 2	0.25	69.38			
	Ch:60.00m to 90.00m	1	30.00	9.10 + 10.60 / 2	0.25	73.88			
	Ch:90.00m to 120.00m	1	30.00	10.60 + 8.70 / 2	0.25	72.38			
	Ch:120.00m to 150.00m	1	30.00	8.70 + 8.80 / 2	0.25	65.63			
	Ch:150.00m to 163.50m	1	30.00	8.80 + 8.50 / 2	0.25	64.88			
	Ch:30.00m to 60.00m	1	30.00	8.50 + 9.80 / 2	0.25	68.63			
	Ch:60.00m to 90.00m	1	30.00	9.80 + 9.80 / 2	0.25	73.50			
	Ch:90.00m to 120.00m	1	30.00	9.80 + 9.60 / 2	0.25	72.75			
	Ch:120.00m to 150.00m	1	30.00	9.60 + 9.60 / 2	0.25	72.00			
	Ch:150.00m to 163.50m	1	30.00	9.60 + 9.60 / 2	0.25	72.00			
	Ch:90.00m to 120.00m	1	30.00	9.60 + 9.60 / 2	0.25	72.00			
	Ch:120.00m to 150.00m	1	30.00	9.60 + 9.70 / 2	0.25	72.38			
	Ch:150.00m to 163.50m	1	23.50	9.70 + 11.30 / 2	0.25	61.69			
	Continued								
	Ch:0.00m to 30.00m	1	30.00	10.60 + 7.30 / 2	0.25	67.13			
	Ch:30.00m to 53.00m	1	23.00	7.30 + 7.00 / 2	0.25	41.11			
					Present Qty	**2427.43**	**Cum**		
					Qty Paid in 1st Bill	**2108.57**	**Cum**		
					Total Qty	**4536.00**	**Cum**		
					Deduct Qty Paid in 1st Bill	**2108.57**	**Cum**		
					Qty to be Paid	**2427.43**	**Cum**	**1838.80**	**4463549.09**

Contractor Consultant

Asst. Engineer 31/08/2020

Asst. Exec. Engineer
Project Division
Yelahanka Zone

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Name of Work: (Package -5), 1) Improvements of Road Adjacent to Yelahanka Lake from Kenchenahalli to Chowdeshwari Temple in Ward No. 02. 2) Improvements and Asphalting to New Post Office main road and cross roads in Ward No. 01. 3) Improvements and Asphalting to Sugappa layout cross roads in Ward No. 01. 4) Improvements and Asphalting to Shanimahathma swamy temple road and Surabhi layout 2nd main and cross roads in Ward No. 01. 5) Asphalting to Balance Roads in A & B Sector of Yelahanka New Town in Ward No. 04

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
40	Loading and unloading of stone boulders/stone aggregates/ sand/kankar/ Moorum including all lead and lift and as per specification and direction of the Engineer in charge of the work.								
						6925.06			
	Vide Premeasurement Page no. 14								
	Qty to be Paid					**6925.06**	**Cum**	**70.72**	**489740.45**
41	Cost of haulage Excluding loading and unloading including all lead and lift and as per specification and direction of the Engineer in charge of the work.								
						6925.00			
	Vide Premeasurement Page no. 15								
	Qty to be Paid					**6925.00**	**Cum**	**66.55**	**460858.95**
							Total		**13892576.71**

31/08/2020

Contractor Consultant

Asst. Engineer

Asst. Executive Engi
Project Division
Yelahanka Zone
BBMP, Bangalore
Asst. Exec. Engine

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